

Electronic Acknowledgement Receipt

EFS ID:	5976841
Application Number:	10078949
International Application Number:	
Confirmation Number:	8454
Title of Invention:	OLIGORIBONUCLEOTIDES AND RIBONUCLEASES FOR CLEAVING RNA
First Named Inventor/Applicant Name:	Stanley T. Crooke
Customer Number:	32650
Filer:	Jane E. Inglesse/Stephanie Yakubov
Filer Authorized By:	Jane E. Inglesse
Attorney Docket Number:	ISIS-5027
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Application Type:	Utility under 35 USC 111(a)

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	NPL Documents	LeDoan_NuclAcidRes_1987_86 43-8659.PDF	981146 d52f73cfcc4b1b3ea52dd58011a9465dc b94465	no	17

Warnings:

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2	NPL Documents	Lee_Cell_843-854.PDF	1091061 2ff0ca9480d167023ca21b01650fb32ca05d9 6159	no	12
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3	NPL Documents	Lee_BioorgMedChemLett_200 1_1333-1337.PDF	397196 cc460ka3b1bfb0b4000077954523c015 702d2	no	5
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4	NPL Documents	Lee_EmboJ_2002_4663-4670. PDF	1268470 faad51a4d0802c2c09960f0ed-19177 886c1	no	8
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5	NPL Documents	Lee_Nature_415-419.PDF	573559 c8d9c28c3601711ex6d8c505c2d3803f5 234b	no	5
Warnings:					
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6	NPL Documents	Leeds_NucleosidesNucleotides _1689-1693.PDF	278831 382bc608fb6dc1900578e07bc44052eeafac 763c	no	5
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7	NPL Documents	Letsinger_NuclAcidsRes_3487- 3499.PDF	470228 a8e11f78990df3af9007181c36c4fc102c7 bad	no	7
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8	NPL Documents	Letsinger_PNAS_6553-6556. PDF	420822 6866d14-97a1bd853b2807d36990610d0 679236	no	4
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9	NPL Documents	Lewis_NatureGenetics_107-108 .PDF	165300 e07766d1712130a6ba9d14e31afed7f03c5 c0000	no	2
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10	NPL Documents	Li_PharmRes_1540-1545.PDF	552881 188e5471b4eb88de41a212b5a53c2b3c85 6155a	no	6
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11	NPL Documents	Liao_NuclAcidsRes_1371-1377.PDF	669916 5a1b6e1754c41f5c2980e95a7ecbb12f3e15ea	no	7
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12	NPL Documents	Lima_PNAS_10010-10015.PDF	538634 2a2f82011ef7b1b004946d6c15a08117a04cf324	no	6
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13	NPL Documents	Lima_Biochem_390-398.PDF	1187156 a67905fb5efb1513a1384982e2113890512126031	no	10
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14	NPL Documents	Limbach_NuclAcidsRes_1994_2183-2196.PDF	1030805 891a276f14378f3161b4b2231567ecfc121c132	no	14
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15	NPL Documents	Lin_JAmChemSoc_1998_8531-8532.PDF	225514 422ef1c11d359d45ca6e4831d2d2b656f083af1	no	2
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18	NPL Documents	Lipardi_Cell_297-307.PDF	984008 5a9067313235ef03a2c1f3bfbfa1fa2e2f9ea0f08cd	no	11
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21	NPL Documents	Liu_ArterioThrombVascBiol_2207-2213.PDF	337991 6a66c4b6f78b225c9a54b912691549af1 649	no	8
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22	NPL Documents	Lixin_BiochemBiophysResComm_185-193.PDF	1764956 03069290d6214e11b4eaf2f055af13b11 bb0ac	no	9
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23	NPL Documents	Loakes_NuclAcidsRes_2001_2437-2447.PDF	1020621 84ff860d55b241921214594b369f612b1 1d10	no	11
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24	NPL Documents	Lukhtanov_BioconjugateChem_564-567.PDF	528856 d51d85ffcbef96161dbabf8f5112bfff5-052 470	no	4
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25	NPL Documents	Madden_DrugDiscovToday_415-425.PDF	1476532 5b846de8f99d5c0200134785de1c541b4 9d391	no	11
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26	NPL Documents	Mahato_ExpertOpiniononDrugDelivery_3-28.PDF	3364592 76d8bd19169c75ca653a39737e674ab6d508 a8e5	no	26
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27	NPL Documents	Manche_MolCellBiol_5238-5248.PDF	1365510 91a8b797eb71cea38b72e0b96730bcb10b 820dc	no	11
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28	NPL Documents	Manoharan_CurrOpinChemBiol_2004_570-579.PDF	865749 21ef027b28fbbee4ac1a00c41077a6f601 bbef7	no	10
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29	NPL Documents	Manoharan_BioorgMedChemLetters_1053-1060.PDF	513536 4bde774f9b673a8c643c556a503a9507924 439	no	8
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30	NPL Documents	Manoharan_Nucleosides_969-973.PDF	247496 a072b25d88129fcfc61fb9497aee0f01b0e ee020	no	5
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31	NPL Documents	Manoharan_AnnNYAcadSci_306-309.PDF	160418 f0d982fc34a94efc1c7ecf7c1120fbf9 9905	no	5
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32	NPL Documents	Manoharan_BioorgMedChemLetters_2765-2770.PDF	310438 855f6143b65d05216d611a382d3776e e0db	no	6
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33	NPL Documents	Manoharan_TetrahedLett_717-7174.PDF	273001 d409c2bdaf1549f6e8037e9bca1651515 9005	no	4
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34	NPL Documents	Manoharan_TetrahedLett_365-3654.PDF	211370 596c6fb675b8c3b88b99659b45 (See) fb-fab	no	4
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35	NPL Documents	Manoharan_BiochimBiophysActa_117-130.PDF	1191162 b7bedb2b6d78053b297405d7b91697eb 96c2ef	no	14
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38	NPL Documents	Manoharan_AntisenseDrugTechnologyPrinciplesStrategiesandApplications_391-467.PDF	7203252 d7c5d8ec065b23993402134f1104a87dc3649	no	39
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39	NPL Documents	Marcus-Sekura_NuclAcidsRes_5749-5763.PDF	1059573 70e9c25ab5b011e1e3e6872943c0b048c24f1051	no	15
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.